

**DECLARATION AND POWER OF ATTORNEY  
UBDER 35 USC § 35 (c)(4) FOR  
PCT APPLICATION FOR UNITED STATES PATENT**

As a below named inventor, I hereby declare that:  
my residence, post office address and citizenship are as stated below next to my name;

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought, namely the invention entitled: PHOTOMULTIPLIER TUBE AND RADIATION DETECTOR described and claimed in international application number PCT/JP99/02922 filed June 1, 1999.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) filed within one year prior to my international application are hereby claimed:

Japanese Patent Application No. 10-151596 filed June 1, 1998

Japanese Patent Application No. 10-151603 filed June 1, 1998

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to my international application, or (b) before the filing date of the above-named foreign priority application(s):

I hereby appoint the following attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

**James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024;  
Kirk M. Hudson, Reg. No. 27,562; Thomas J. Pardini, Reg. No. 30,411;  
Edward P. Walker, Reg. No. 31,450; Robert A. Miller, Reg. No. 32,771;  
Mario A. Costantino, Reg. No. 33,565; and Caroline D. Dennison, Reg. No. 34,494.**

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1 **Typewritten Full Name  
of Sole or First Inventor**

Hiroyuki

Given Name

Middle Initial

KYUSHIMA

Family Name

2 **Inventor's Signature**

Hiroyuki Kyushima

3 **Date of Signature**

November

17

2000

Month

Day

Year

Residence:

Hamamatsu-shi

-1-

JAPAN

City

State or Province

Country

Citizenship:

JAPANESE

Post Office Address:

c o Hamamatsu Photonics K.K., 1126-1, Ichino-cho,

(Insert complete mailing

address, including country)

Hamamatsu-shi, Shizuoka 435-8558, JAPAN

**Note to Inventor: Please sign name on line 2 exactly as it appears in line 1 and insert the actual date of signing on line 3.**

**IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE** ☒

(Discard this page in a sole inventor application.)

1 **Typewritten Full Name of joint Inventor** Akira ATSUMI  
Given Name Middle Initial Family Name

2 **Inventor's Signature** Akira Atsumi

3 **Date of Signature** November 17 2000  
Month Day Year

Residence: Hamamatsu-shi 21 JAPAN  
City State or Province Country

Citizenship: JAPANESE

Post Office Address: c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho,  
(Insert complete mailing address, including country) Hamamatsu-shi, Shizuoka 435-8558, JAPAN

1 **Typewritten Full Name of joint Inventor** Hideki SHIMOI  
Given Name Middle Initial Family Name

2 **Inventor's Signature** Hideki Shimoi

3 **Date of Signature** November 17 2000  
Month Day Year

Residence: Hamamatsu-shi 21 JAPAN  
City State or Province Country

Citizenship: JAPANESE

Post Office Address: c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho,  
(Insert complete mailing address, including country) Hamamatsu-shi, Shizuoka 435-8558, JAPAN

1 **Typewritten Full Name of joint Inventor** Tomoyuki OKADA  
Given Name Middle Initial Family Name

2 **Inventor's Signature** Tomoyuki Okada

3 **Date of Signature** November 17 2000  
Month Day Year

Residence: Hamamatsu-shi 21 JAPAN  
City State or Province Country

Citizenship: JAPANESE

Post Office Address: c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho,  
(Insert complete mailing address, including country) Hamamatsu-shi, Shizuoka 435-8558, JAPAN

1 **Typewritten Full Name of joint Inventor** Masuo ITO  
Given Name Middle Initial Family Name

2 **Inventor's Signature** Masuo Ito

3 **Date of Signature** November 17 2000  
Month Day Year

Residence: Hamamatsu-shi 21 JAPAN  
City State or Province Country

Citizenship: JAPANESE

Post Office Address: c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho,  
(Insert complete mailing address, including country) Hamamatsu-shi, Shizuoka 435-8558, JAPAN

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This form may be executed only when attached to the first page of the Declaration and Power of Attorney of the application to which it pertains.